

Title (en)
PRESS-FORMED PRODUCT, AND PRODUCTION METHOD AND PRODUCTION EQUIPMENT LINE FOR PRODUCING THE PRESS-FORMED PRODUCT

Title (de)
PRESSGEFORMTES PRODUKT SOWIE VERFAHREN UND ANLAGE ZUR HERSTELLUNG DES PRESSGEFORMTEN PRODUKTES

Title (fr)
PRODUIT DE FORMAGE AINSI QUE PROCÉDÉ ET LIGNE DE PRODUCTION POUR LA FABRICATION D'UN TEL PRODUIT DE FORMAGE

Publication
EP 3251770 A1 20171206 (EN)

Application
EP 16742962 A 20160125

Priority
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• JP 2016000338 W 20160125

Abstract (en)
A method for producing a press-formed product that includes a pair of flat sections and a bend section that connects the flat sections, in which a bending radius of the bend section is R_2 (mm) and an interior angle formed by the pair of flat sections is α_2 (°), includes a preparation step, a first forming step and a second forming step. In the preparation step, a metal plate having a tensile strength of 590 MPa or more is prepared. In the first forming step, an intermediate formed product (36) including a bend section in which a bending radius is R_1 (mm) and an interior angle is α_1 (°) is formed. In the second forming step, a portion of a bend section (36c) of the intermediate formed product (36) is formed into the bend section of the press-formed product. The bending radius R_1 , the interior angle α_1 , the bending radius R_2 and the interior angle α_2 satisfy the conditions of Formulae (1) to (3) below: $1.05 < A_1 / A_2 \leq 1.0 < R_1 / R_2$ $A_1 / A_2 < 6.0 / R_1 / R_2$ Where, in the above Formulae, A_1 (°) represents the supplementary angle of the interior angle α_1 of the intermediate formed product (36), and A_2 (°) represents the supplementary angle of the interior angle α_2 of the press-formed product.

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